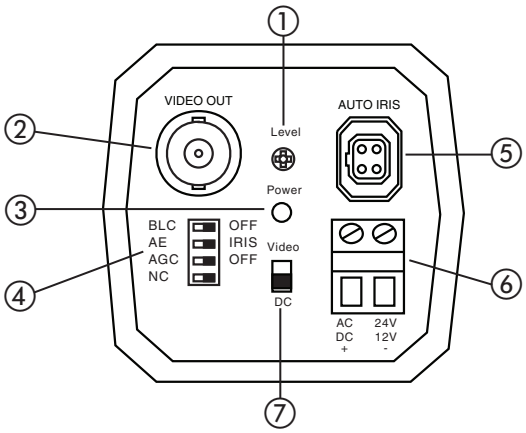
User Manual

Features

- 1/3" Color Sony Super HAD II CCD
- 540 lines, 0.1 lux
- Basic Day/Night (not IR sensitive)
- Supports DC, Video, and manual iris lenses
- Dual voltage – 12VDC/24VAC
- 3-year warranty

Model	ECL54D
Image Sensor	1/3" Color Sony Super HAD II CCD
Horizontal Resolution	540 TV Lines
TV System	NTSC
Picture Elements (pixels)	537(H) × 505(V)
Min. Illumination	0.1 lux
Mount	CS (C-mount adapter included)
Lens Iris Output	DC / Video (4-pin connector)
Signal to Noise Ratio	More than 48dB
Synchronizing System	Internal
Electronic Iris	1/60~1/100,000 sec.
Video Output	1Vp-p 75ohm
Power Requirement	12VDC/24VAC ±10% 300mA Max.
Operating Condition	+14 ~ 122°F (-10°C ~ +50°C)
Measurements (w/h/d)	2.3 × 2.6 × 4.0 inches (58mm × 65.4mm × 101.4mm)
Weight (Camera Only)	12.9 oz. (365g)
Color	Ivory

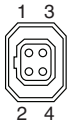
Specifications subject to change without notice



① DC lens Level adjustment. When using a DC type auto-iris lens, adjust this if the picture is too dark or bright.
② Video out connector (BNC)
③ Power LED
④ DIP Switches
- **BLC** Back Light Compensation
- **AE/IRIS** Electronic iris selection
  - Set to **AE** when using an auto-iris lens
  - Set to **IRIS** when using a manual iris lens
- **AGC** Automatic Gain Control. Improves the picture in low light conditions.
- **NC** Not used

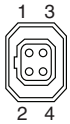
⑤ Auto-iris lens connector. See pinout to make sure your lens is compatible.
⑥ Power terminal. Use 12VDC or 24VAC only.
⑦ Auto-iris lens selection switch. Select your lens type (DC or Video).

VIDEO TYPE LENS



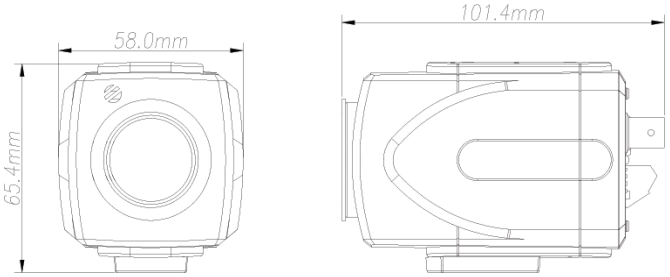
Pin	Signal
1	+12VDC
2	N.C.
3	Video
4	Ground

DC TYPE LENS



Pin	Signal
1	Brake – *
2	Brake + *
3	Drive +
4	Drive –

* Also referred to as DAMP, CONTROL, or DUMP



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